

FIG. 1

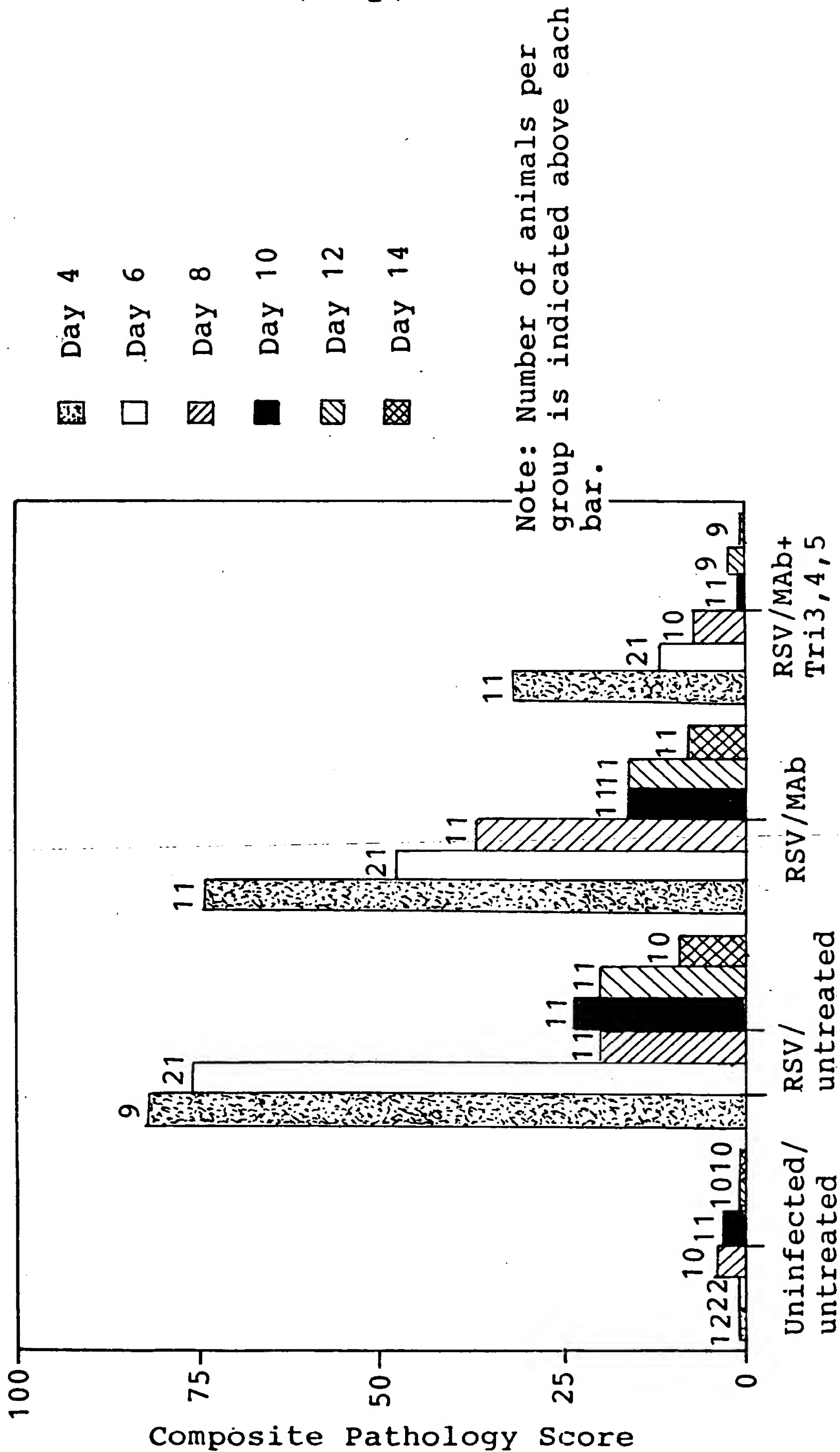
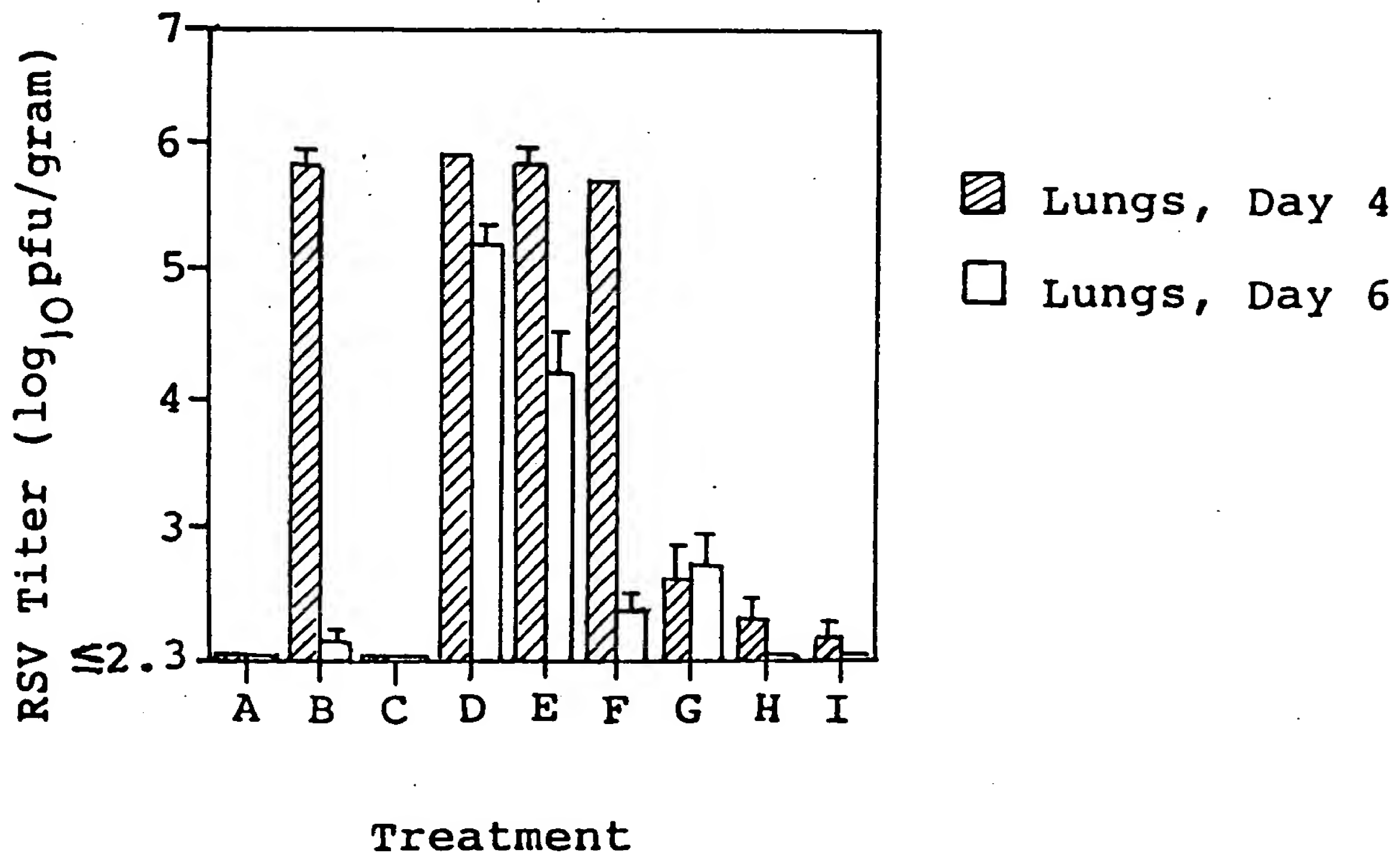


FIG. 2A

Combined Synagis-triamcinolone Therapy
of RSV Pneumonia Cotton Rats

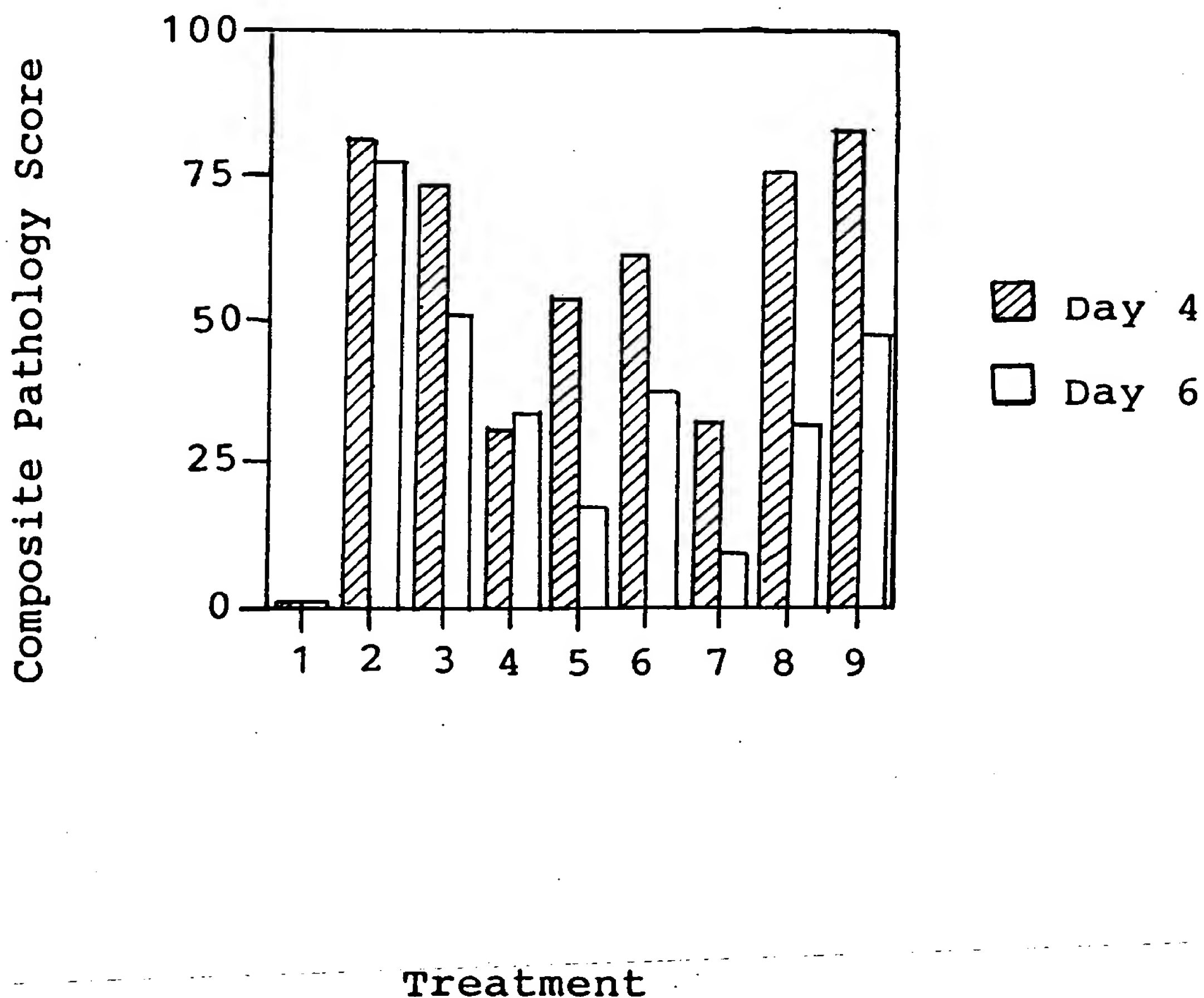
- A: uninfected/untreated
 B: RSV/untreated
 C: RSV/Synagis (15 mg/kg x1). i.m.
 D: RSV/Triamcinolone (16 mg/kg x 3). i.m.
 E: RSV/Triamcinolone (4 mg/kg x3). i.m.
 F: RSV/Triamcinolone (1 mg/kg x3). i.m.
 G: RSV/Synagis (15 mg/kg X 1).i.m. +
 Triamcinolone (16 mg/kg x3). i.m.
 H: RSV/Synagis(15 mg/kg x1). i.m.
 + Triamcinolone (4mg/kg x 3). i.m.
 I: RSV/Synagis (15 mg/kg x1). i.m. +
 Triamcinolone (1 mg/kg x3). i.m. +

NOTE: THERE WERE 9-12 ANIMALS FOR EACH TIME POINT

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FIG. 2B

Synagis/Triamcinolone therapy of RSV

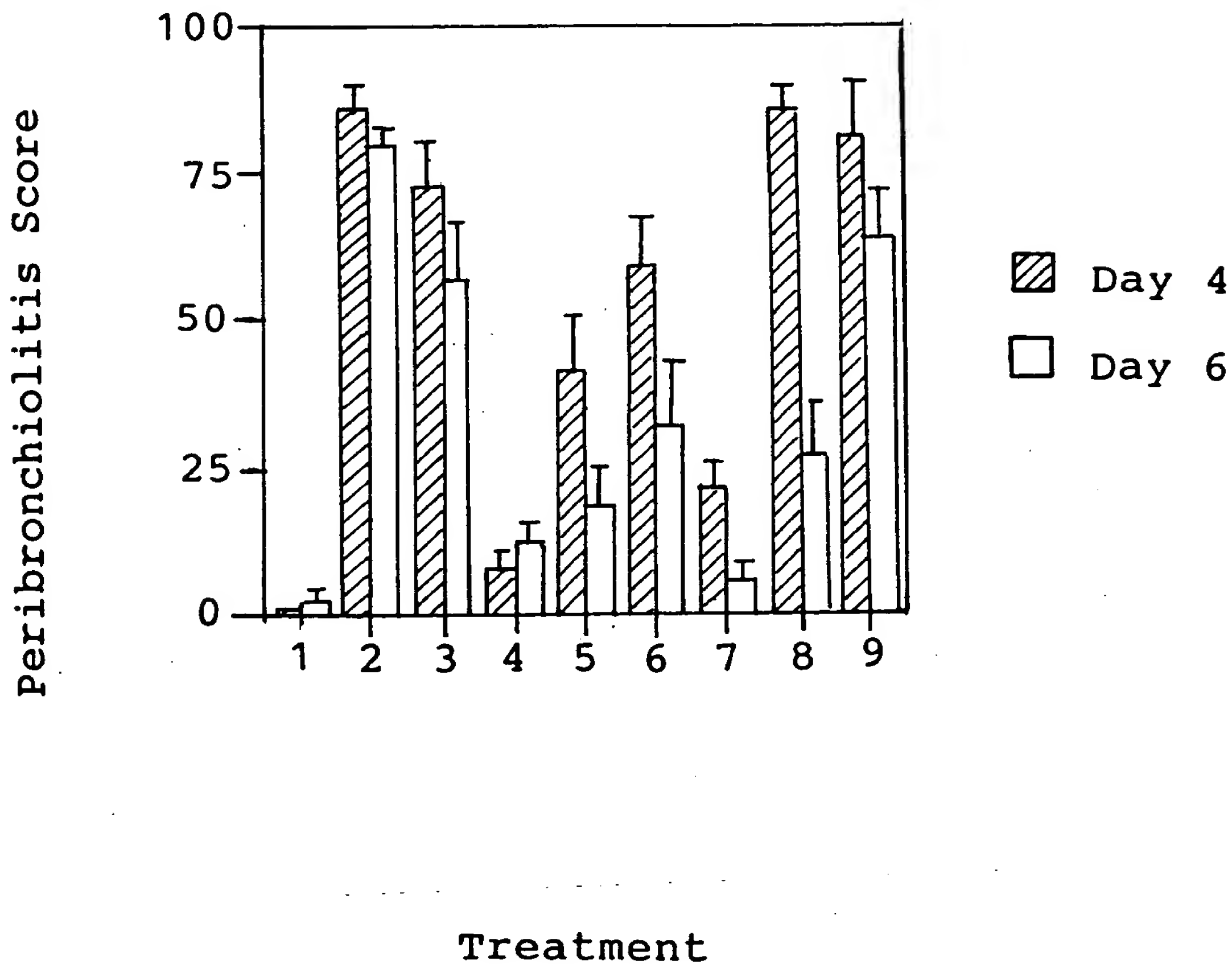


- 1: uninfected/untreated
- 2: RSV/untreated
- 3: RSV/Synagis (15mg/kg)i.m.
- 4: RSV/Triamcinolone (16mg/kg)i.m.
- 5: RSV/Triamcinolone (4mg/kg)i.m.
- 6: RSV/Triamcinolone (1mg/kg)i.m.
- 7: RSV/Synagis (15mg/kg)i.m.+Triamcinolone (16mg/kg)i.m.
- 8: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (4mg/kg)i.m.
- 9: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (1mg/kg)i.m.

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FIG. 2C

Synagis/Triamcinolone Therapy of RSV Peribronchiolitis

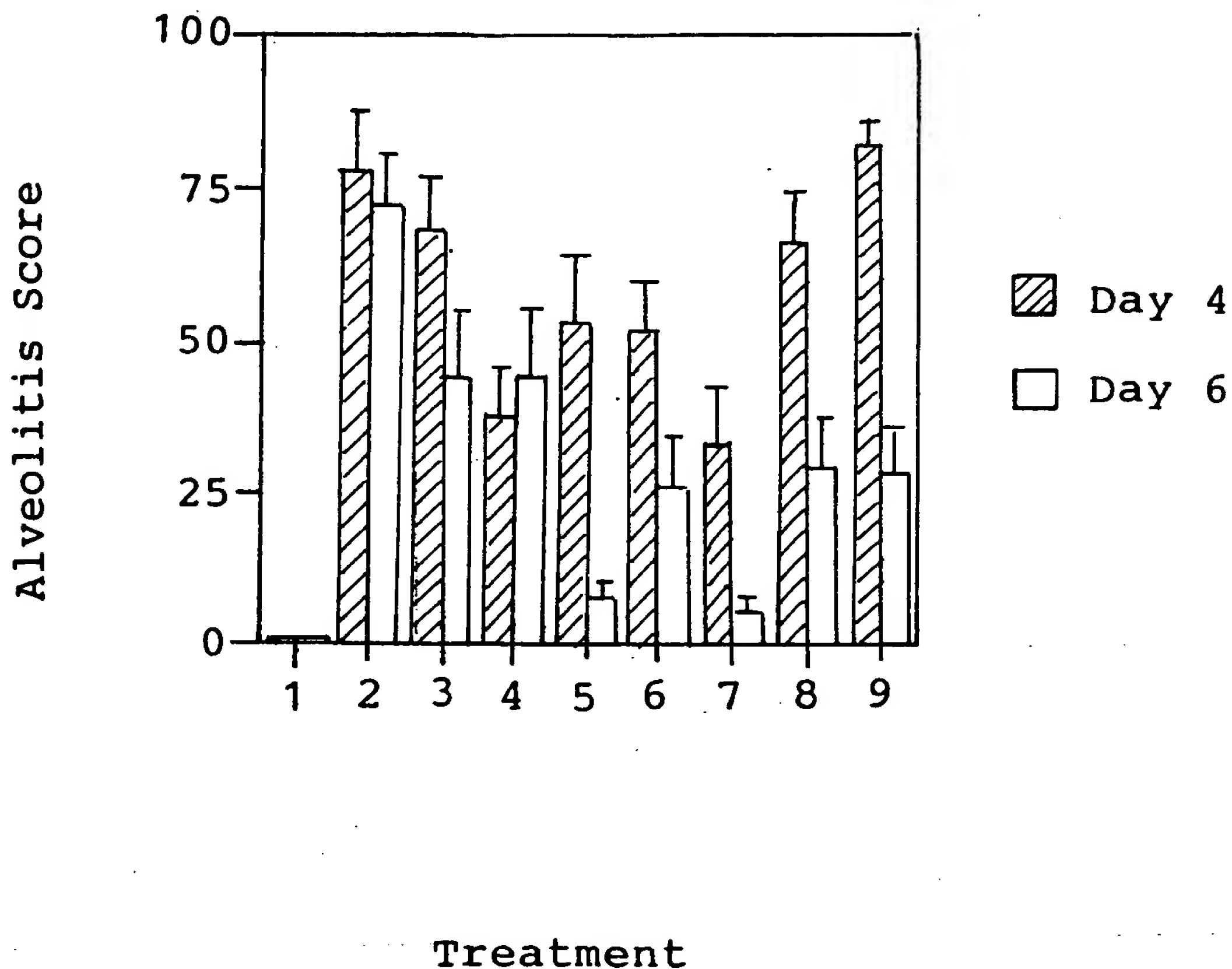


- 1: uninfected/untreated
- 2: RSV/untreated
- 3: RSV/Synagis (15mg/kg)i.m.
- 4: RSV/Triamcinolone (16mg/kg)i.m.
- 5: RSV/Triamcinolone (4mg/kg)i.m.
- 6: RSV/Triamcinolone (1mg/kg)i.m.
- 7: RSV/Synagis (15mg/kg)i.m.+Triamcinolone (16mg/kg)i.m.
- 8: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (4mg/kg)i.m.
- 9: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (1mg/kg)i.m.

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FIG. 2D

Synagis/Triamcinolone Therapy of RSV Alveolitis

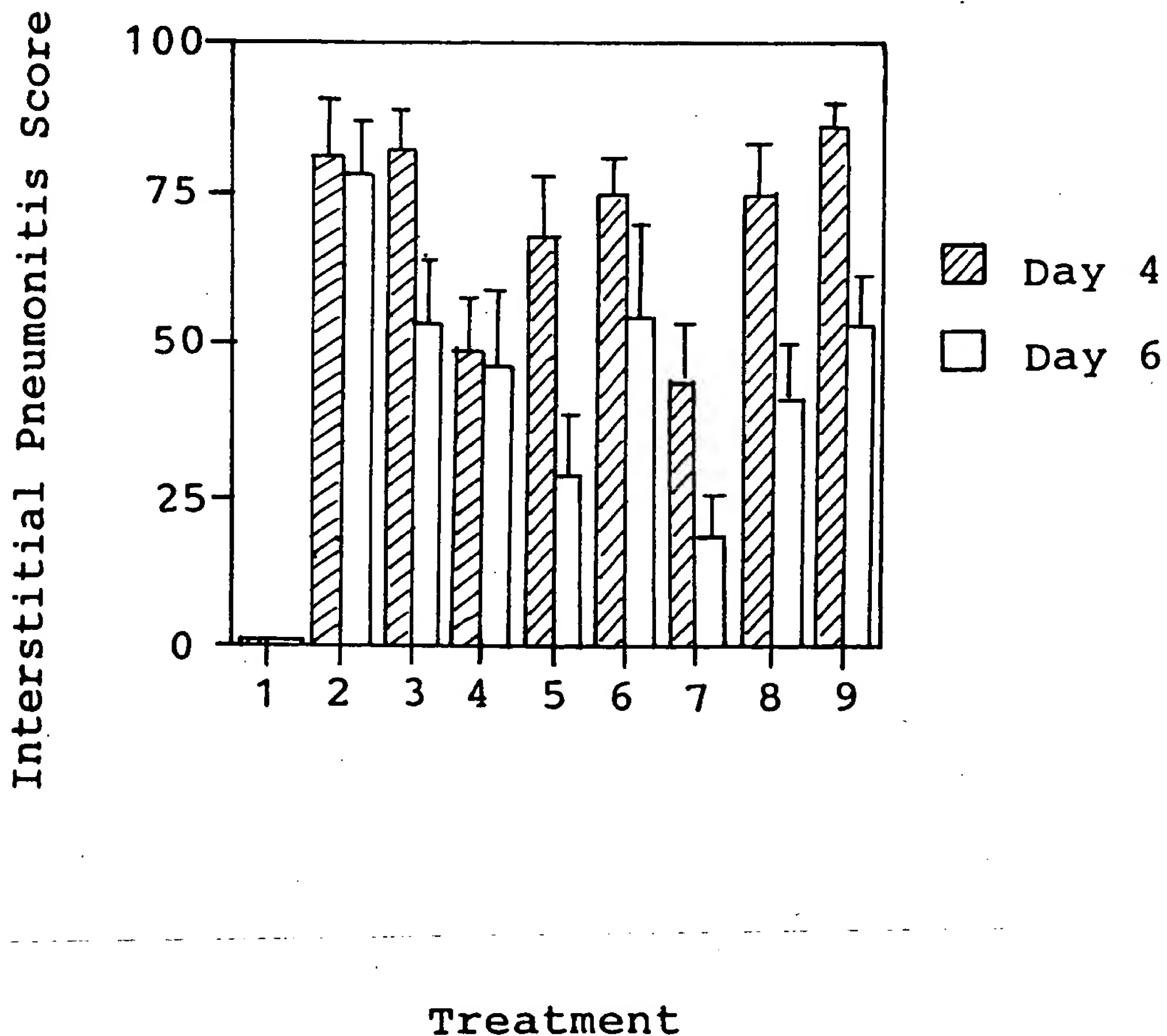


- 1: uninfected/untreated
- 2: RSV/untreated
- 3: RSV/Synagis (15mg/kg)i.m.
- 4: RSV/Triamcinolone (16mg/kg)i.m.
- 5: RSV/Triamcinolone (4mg/kg)i.m.
- 6: RSV/Triamcinolone (1mg/kg)i.m.
- 7: RSV/Synagis (15mg/kg)i.m.+Triamcinolone (16mg/kg)i.m.
- 8: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (4mg/kg)i.m.
- 9: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (1mg/kg)i.m.

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FIG. 2E

Synagis/Triamcinolone Therapy of RSV
Interstitial Pneumonitis Score

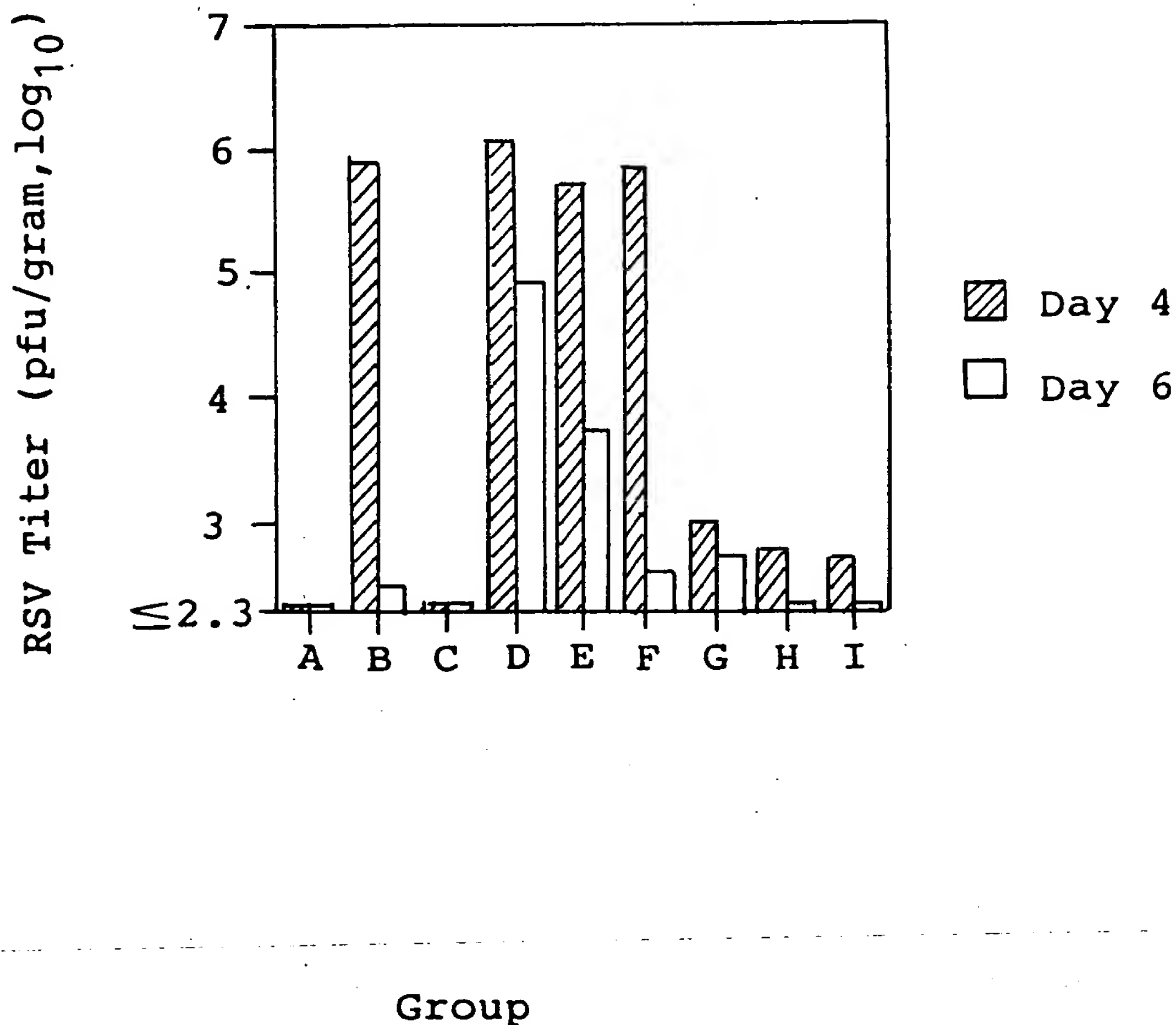


- 1: uninfected/untreated
- 2: RSV/untreated
- 3: RSV/Synagis (15mg/kg)i.m.
- 4: RSV/Triamcinolone (16mg/kg)i.m.
- 5: RSV/Triamcinolone (4mg/kg)i.m.
- 6: RSV/Triamcinolone (1mg/kg)i.m.
- 7: RSV/Synagis (15mg/kg)i.m.+Triamcinolone (16mg/kg)i.m.
- 8: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (4mg/kg)i.m.
- 9: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (1mg/kg)i.m.

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FIG. 3A

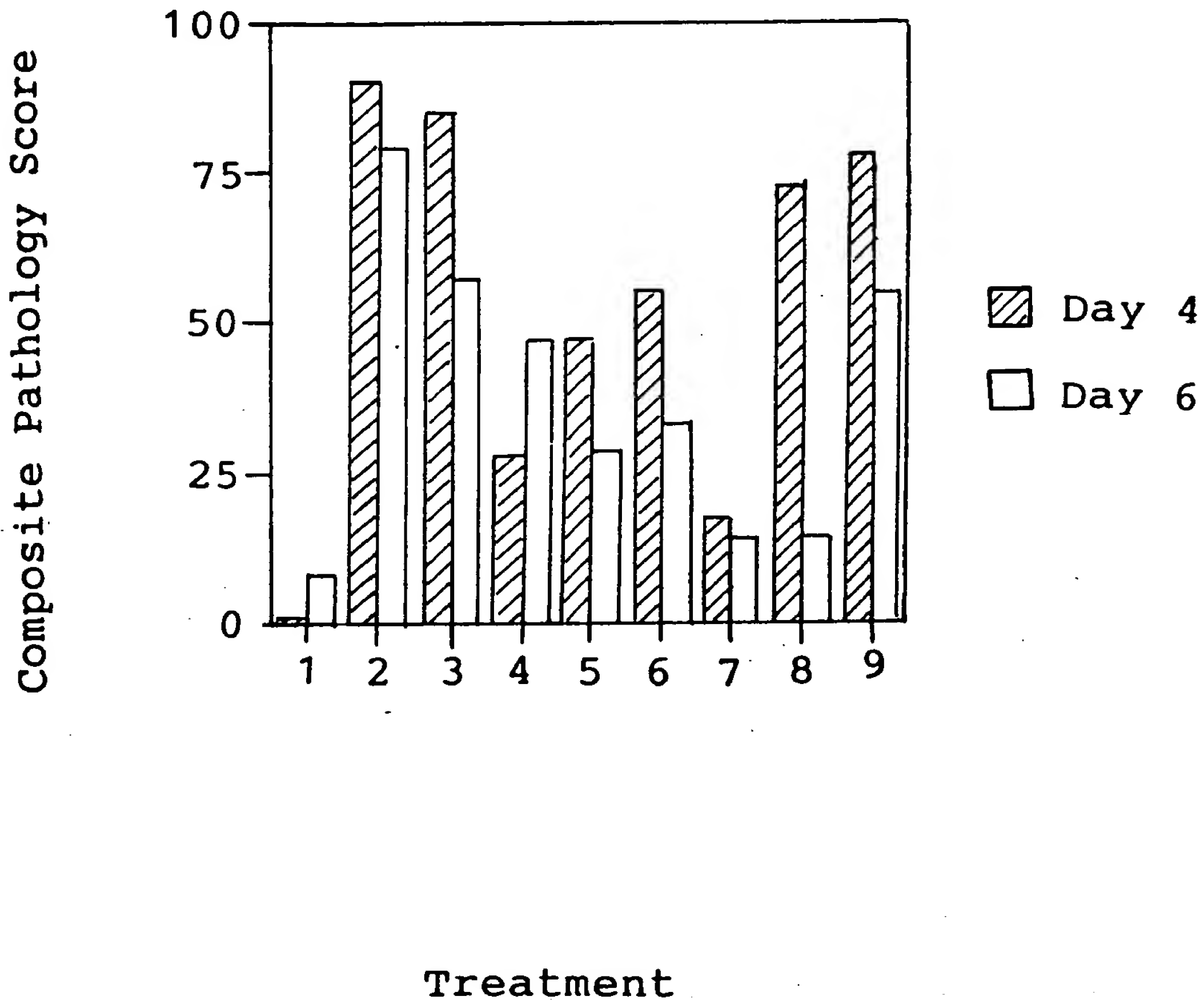
Combined Synagis-Triamcinolone
Therapy in Cotton Rats



- A: uninfected/untreated
B: RSV/untreated
C: RSV/Synagis (15mg/kg)i.m.
D: RSV/Triamcinolone (16mg/kg)i.m.
E: RSV/Triamcinolone (4mg/kg)i.m.
F: RSV/Triamcinolone (1mg/kg)i.m.
G: RSV/Synagis (15mg/kg)i.m.+Triamcinolone (16mg/kg)i.m.
H: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (4mg/kg)i.m.
I: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (1mg/kg)i.m.

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Synagis/Triamcinolone Therapy of RSV



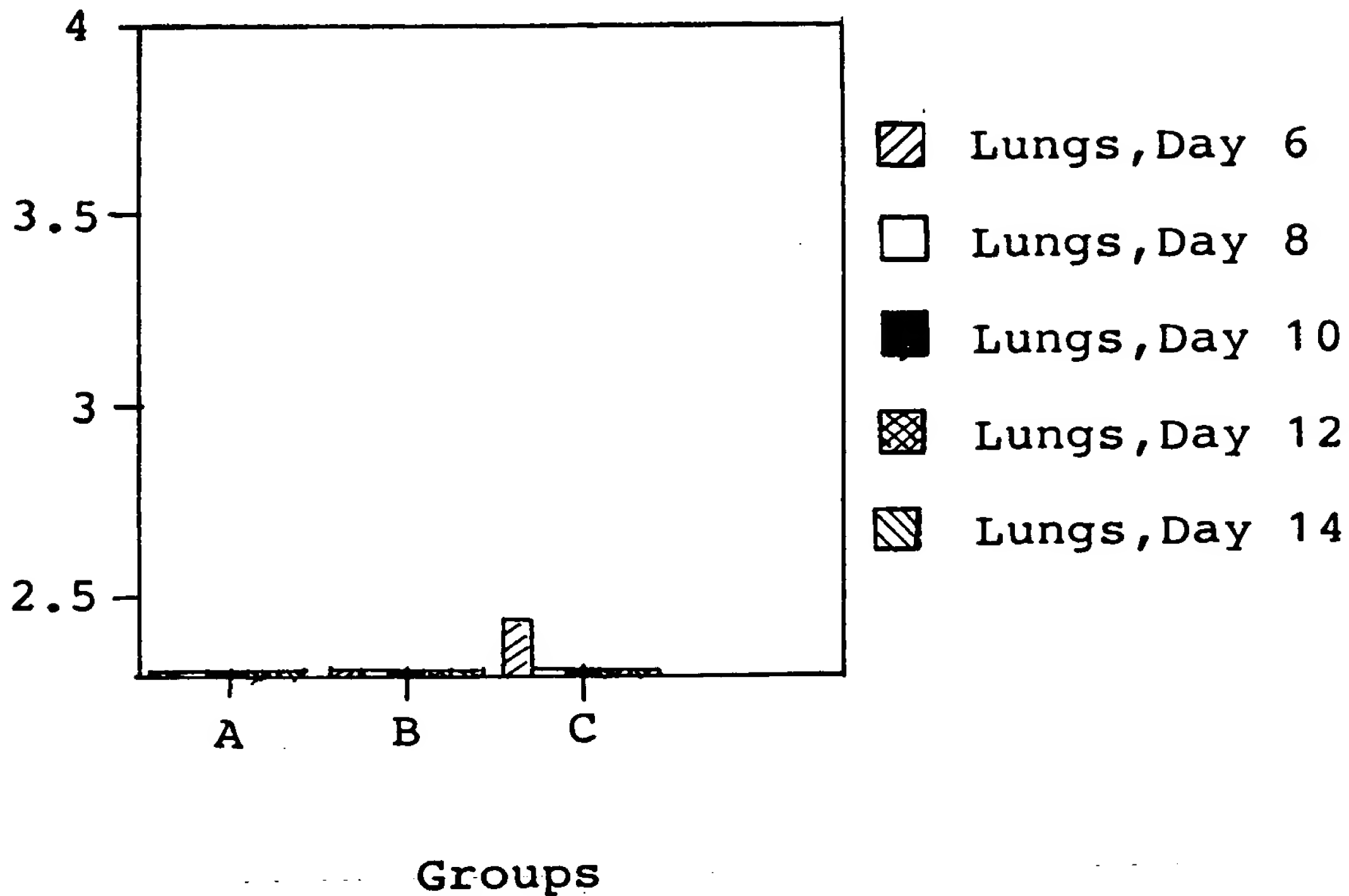
- 1: uninfected/untreated
- 2: RSV/untreated
- 3: RSV/Synagis (15mg/kg)i.m.
- 4: RSV/Triamcinolone (16mg/kg)i.m.
- 5: RSV/Triamcinolone (4mg/kg)i.m.
- 6: RSV/Triamcinolone (1mg/kg)i.m.
- 7: RSV/Synagis (15mg/kg)i.m.+Triamcinolone (16mg/kg)i.m.
- 8: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (4mg/kg)i.m.
- 9: RSV/Synagis(15mg/kg)i.m.+Triamcinolone (1mg/kg)i.m.

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FIG. 4A

Combined Synagis-Triamcinolone
Therapy of RSV in Cotton Rats:
Rebound of Histopathology

RSV Titer (pfu per gram, Log10)

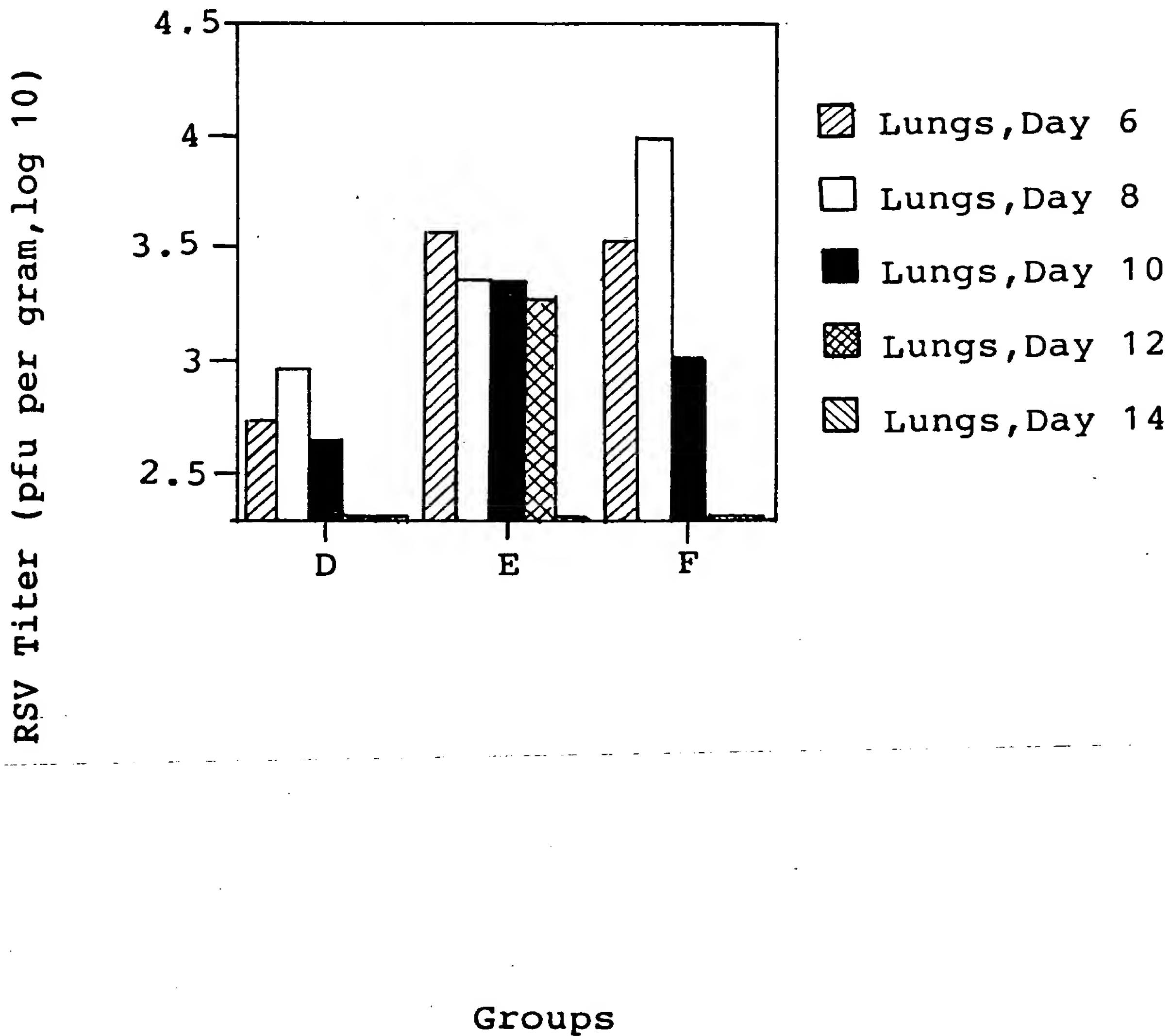


Group A: uninfected/untreated
Group B: RSV untreated
Group C: RSV/Synagis

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FIG. 4B

Combined Synagis-Triamcinolone Therapy of RSV
in Cotton Rats: Rebound of Histopathology

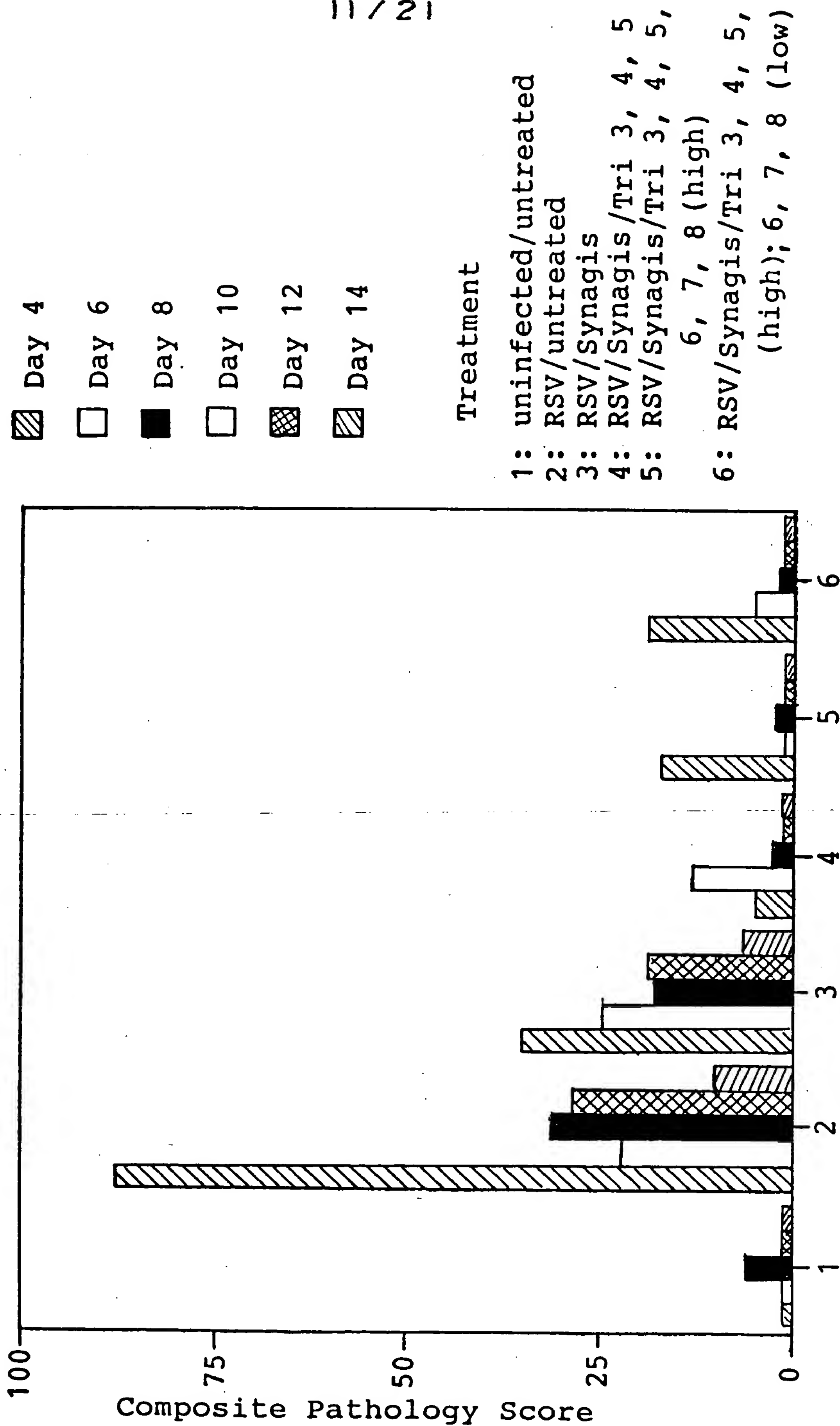


Group D: RSV/Synagis-Triam, short-term
Group E: RSV/Synagis-Triam, long-term, high dose
Group F: RSV/Synagis-Triam, long-term, high/low

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FIG. 4C

Synagis/Triamcinolone therapy of RSV



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FIG. 5

Systemic Steroid Therapy of RSV
(Days 3,4, and 5 -sac day 6)

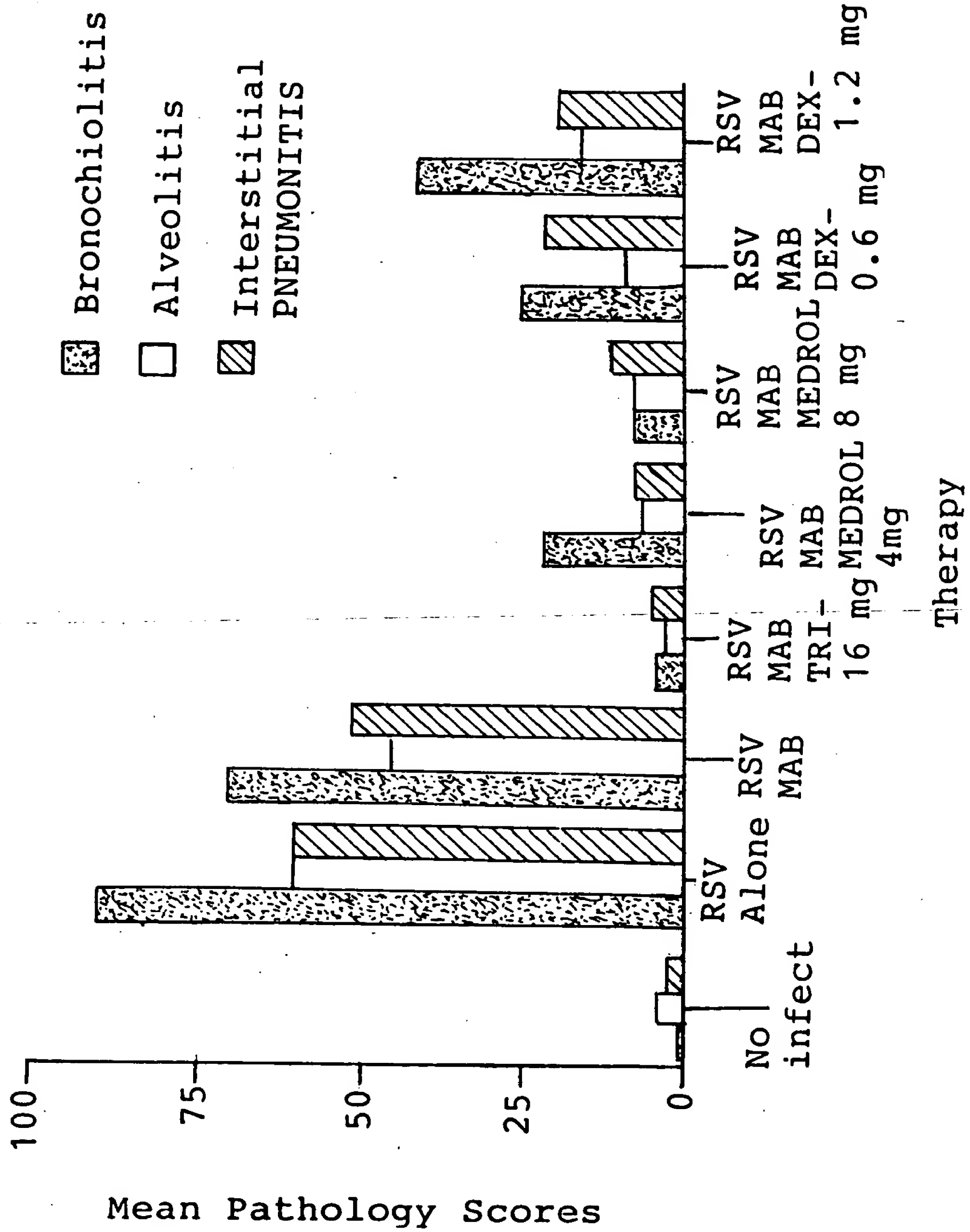
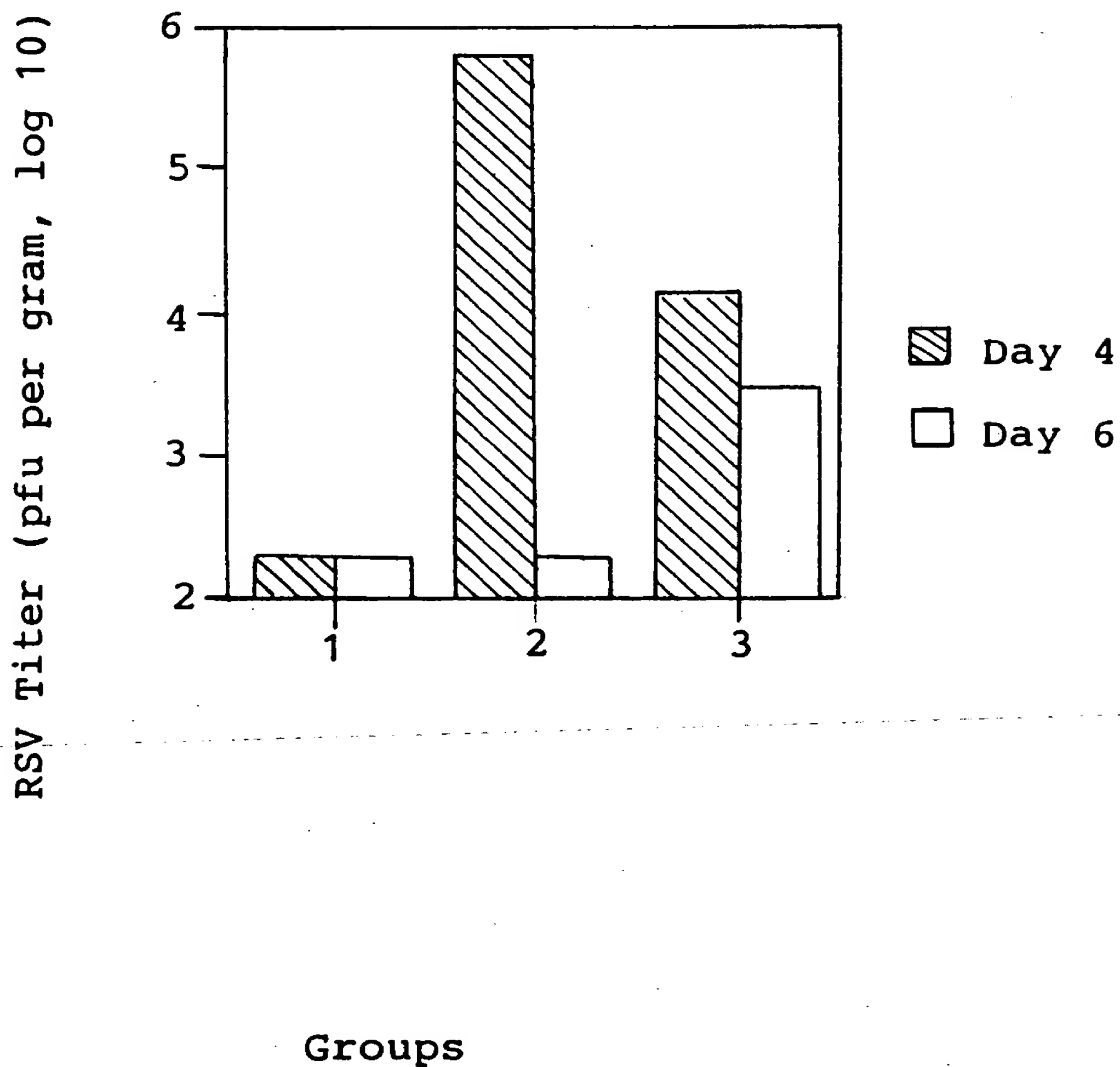


FIG. 6A

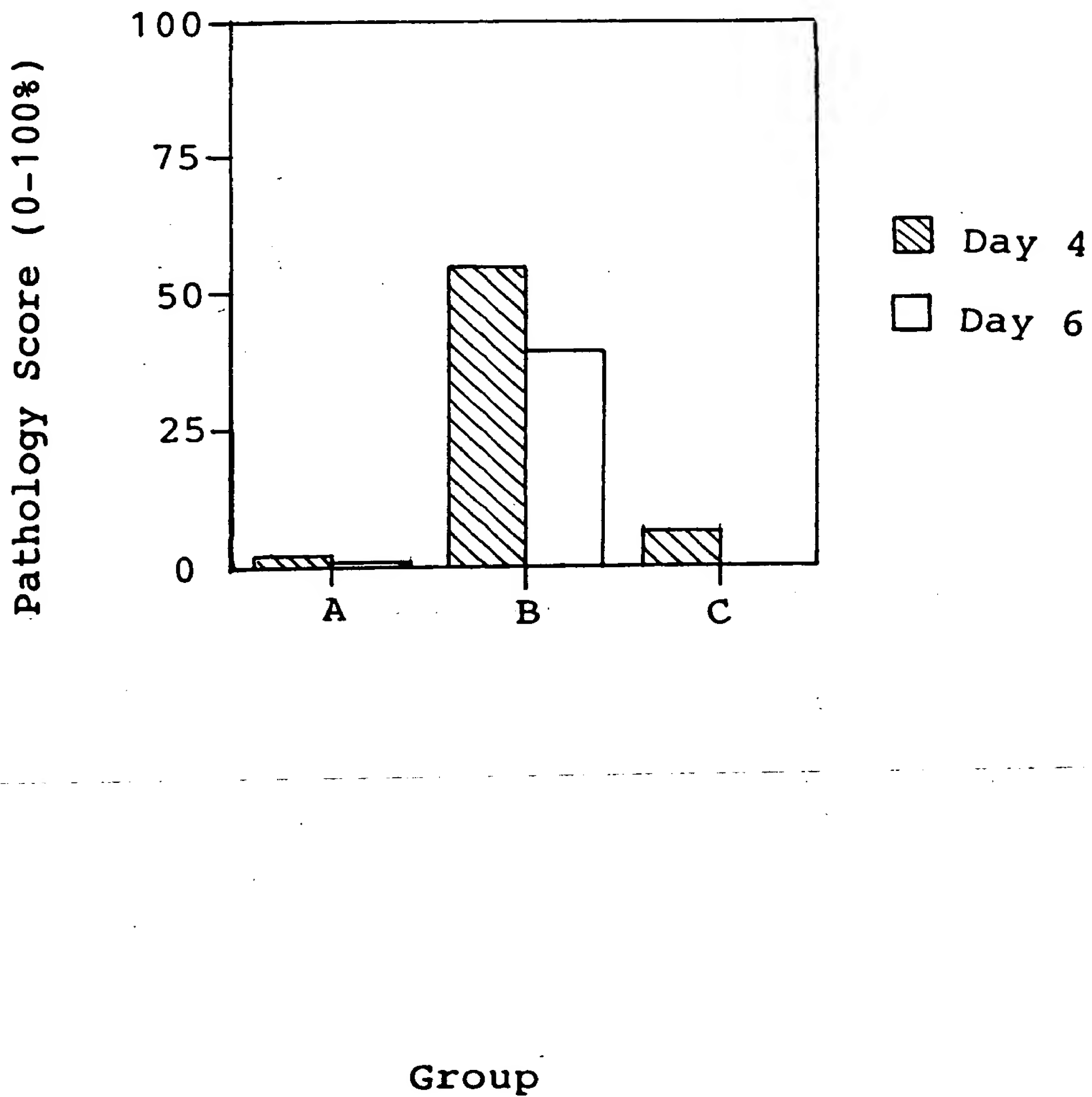
Combined Synagis-steroid Therapy of
RSV Pneumonia in Cotton Rats

Group 1 - uninfected/untreated
Group 2 - RSV i.n./untreated
Group 3 - RSV i.n./Synagis i.m.
(15mg/kg)+Triamcinolone i.m.(16mg/kg)

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FIG. 6B

Combined Synagis-steroid Therapy of RSV Pneumonia in Cotton Rats

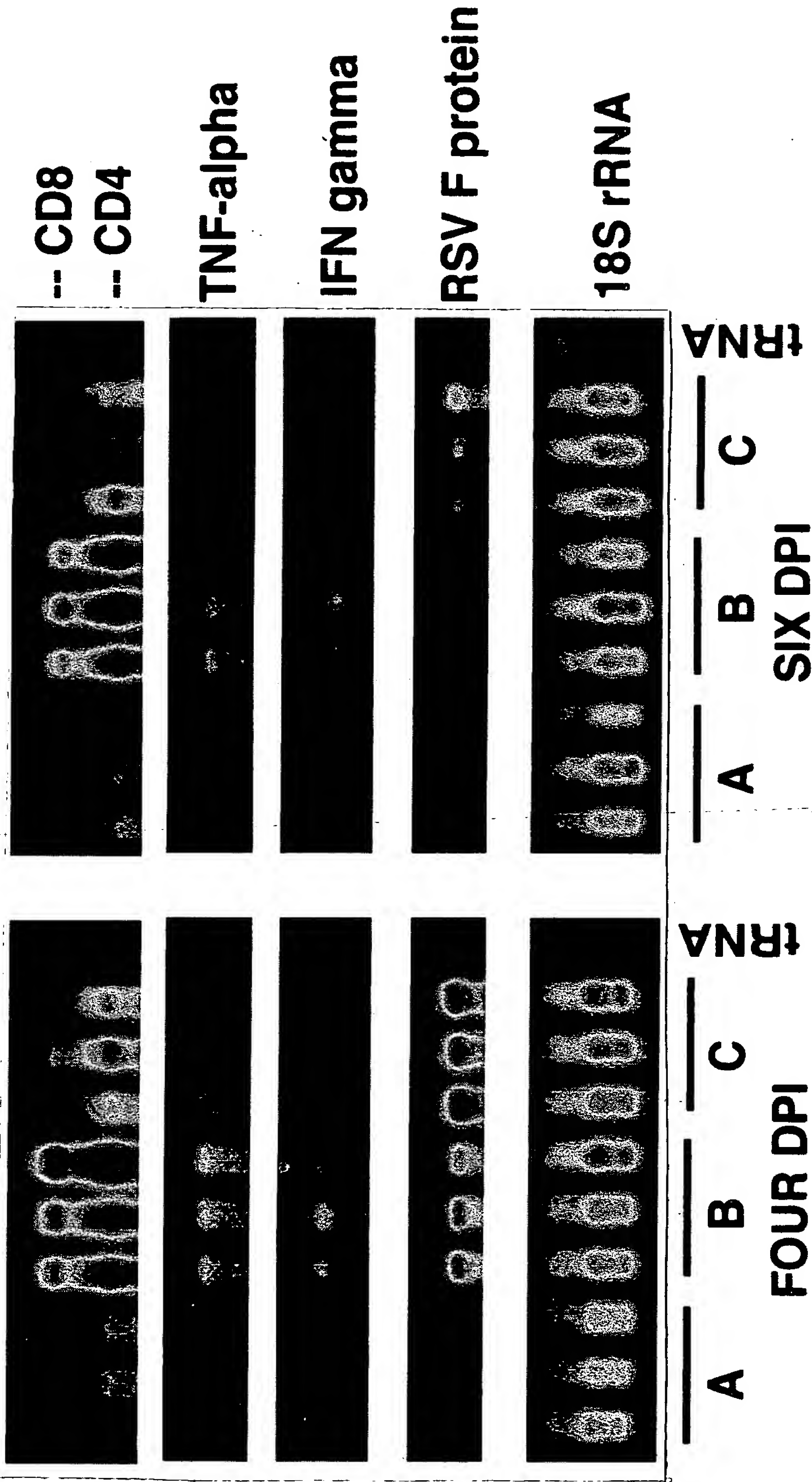


Group A - uninfected/untreated
Group B - RSV i.n./untreated
Group C - RSV i.n./Synagis i.m.
(15mg/kg)+Triamcinolone i.m.(16mg/kg)

+

FIG. 6C

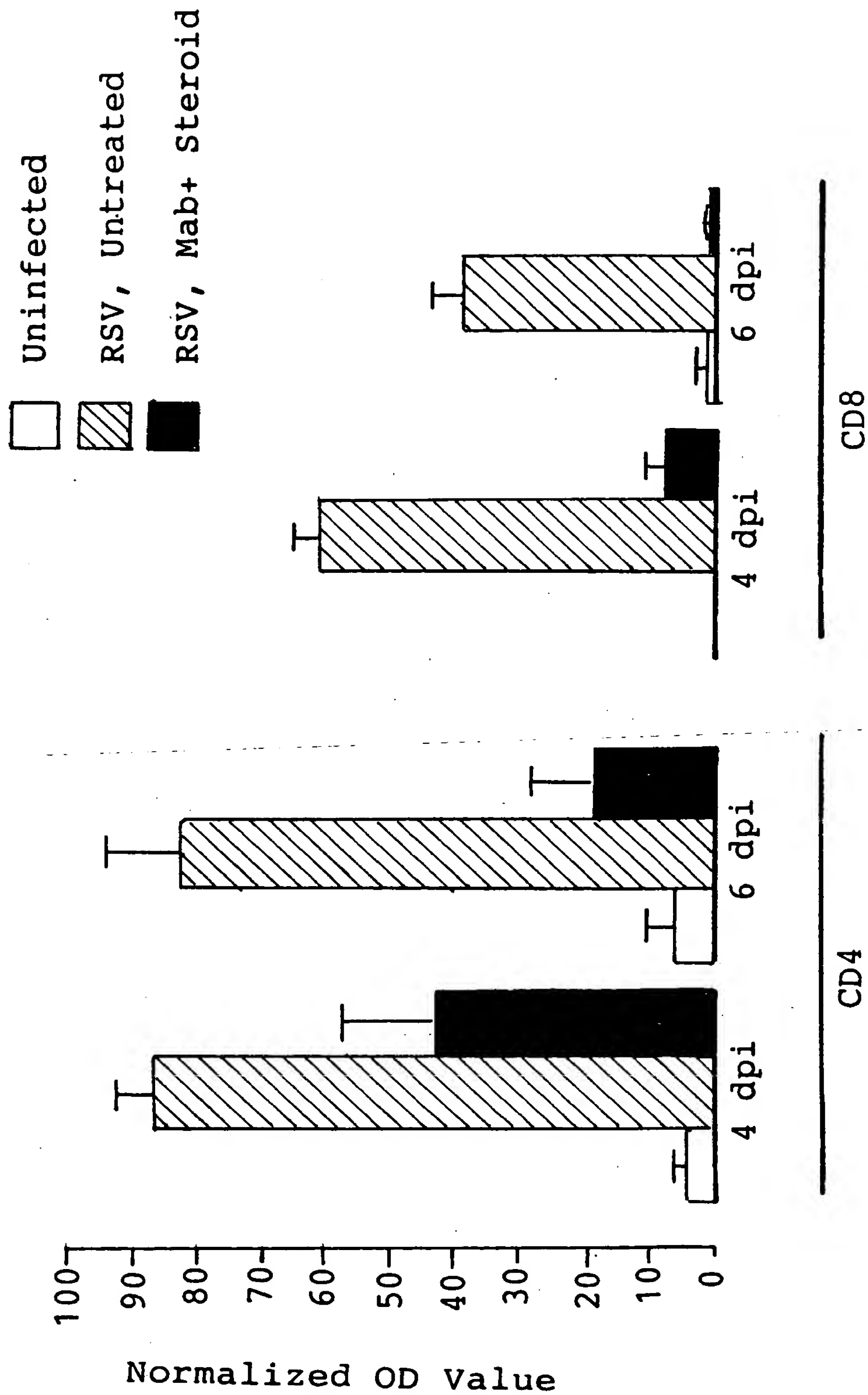
RPA'S of RSV-Infected Cotton Rat Lungs



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FIG. 6D

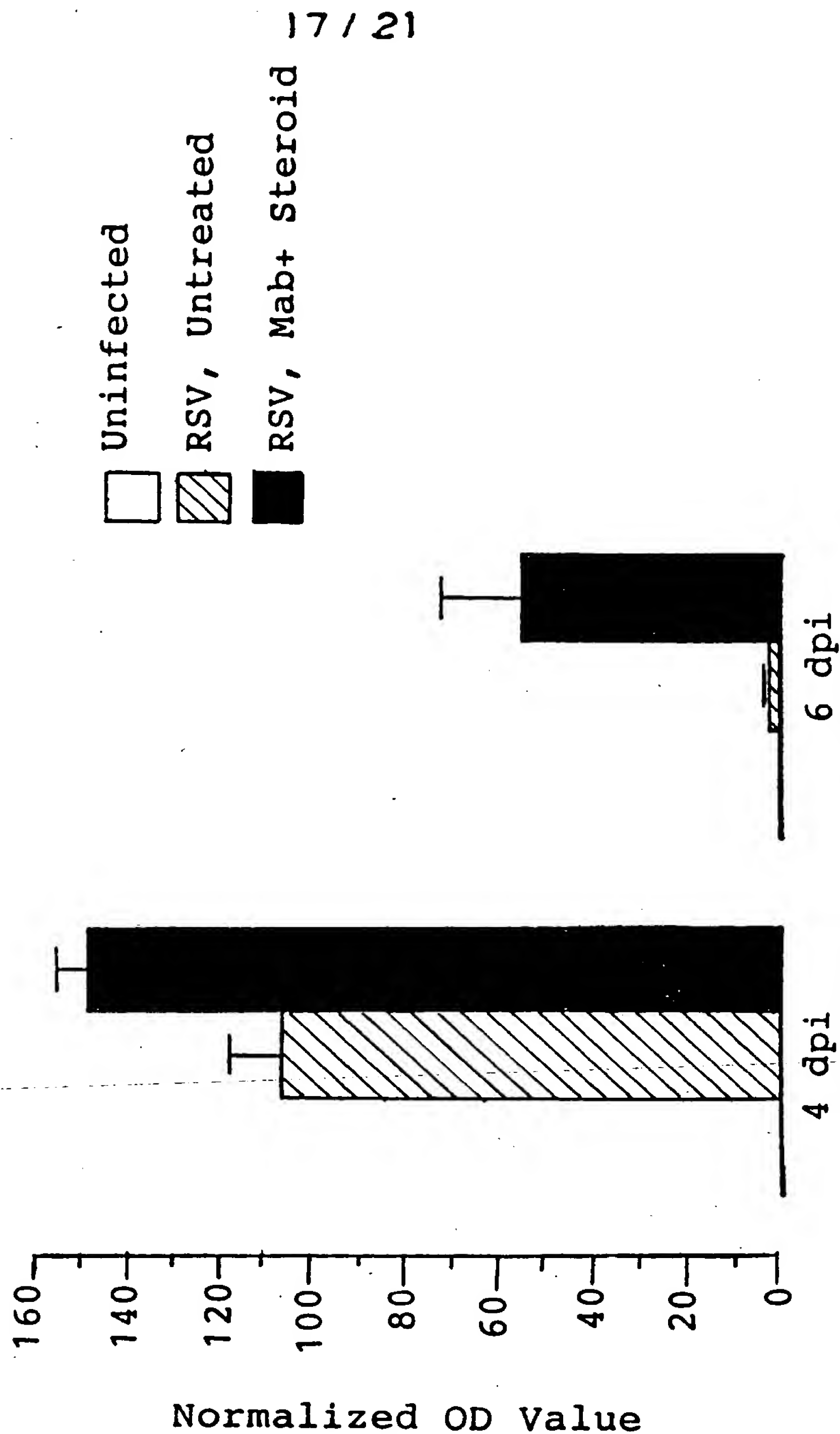
RPA'S of RSV-Infected Cotton Rat Lungs



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FIG. 6E

RPA'S of RSV-Infected Cotton Rat Lungs



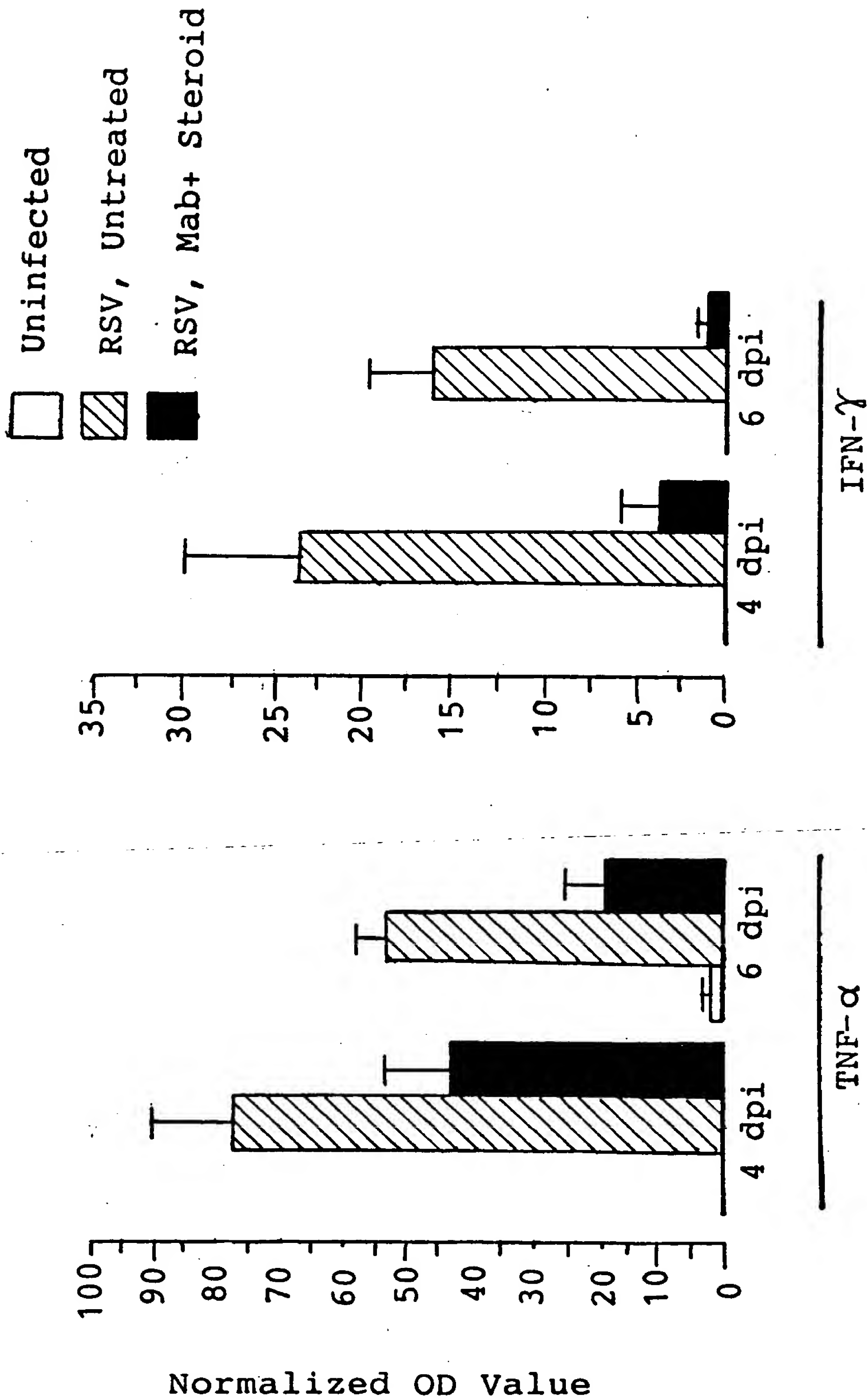
RSV F protein RNA

+

+

FIG. 6F

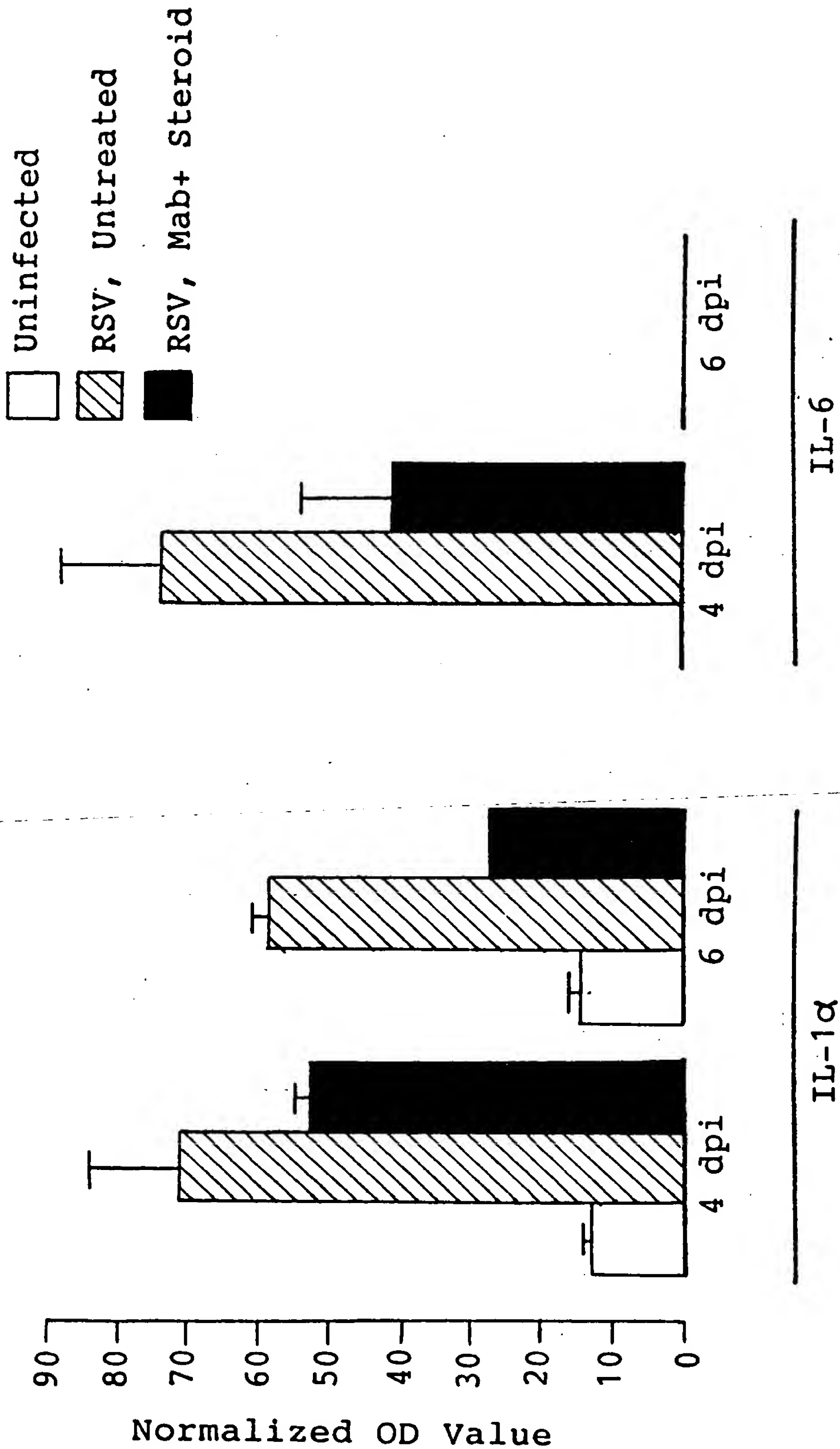
RPA'S of RSV-Infected Cotton Rat Lungs

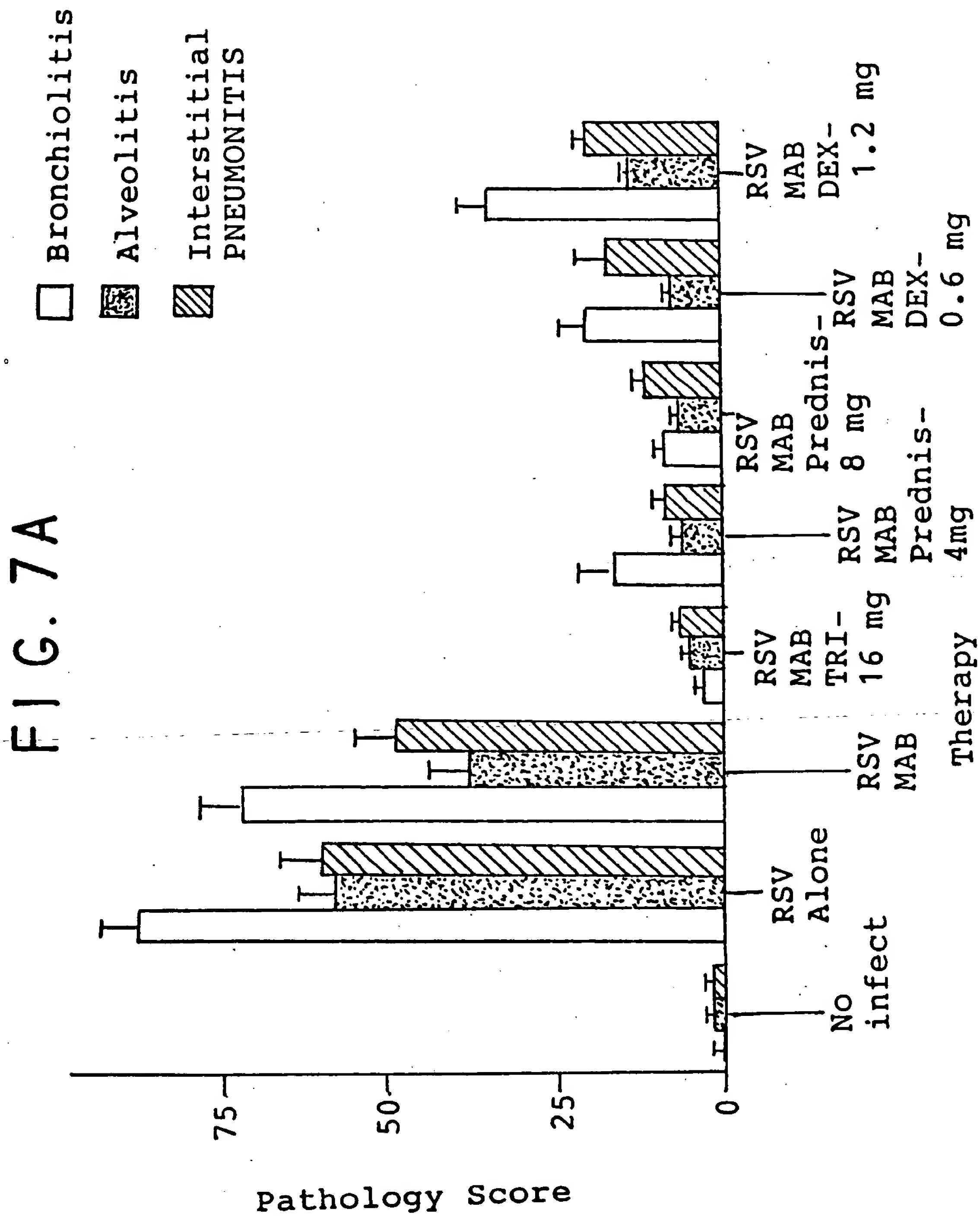


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FIG. 6G

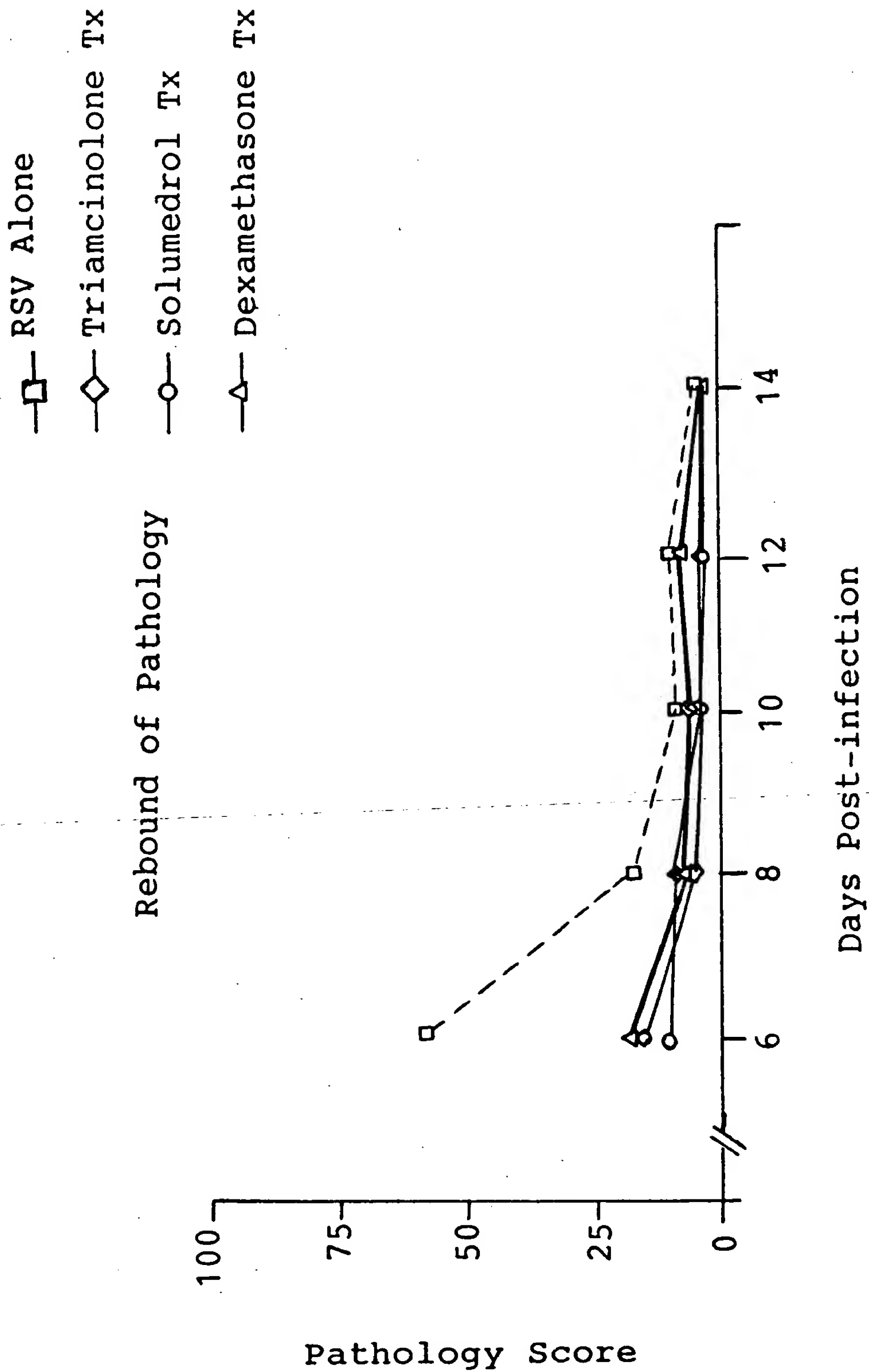
RPA'S of RSV-Infected Cotton Rat Lungs





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FIG. 7B



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